



NAVILUX 4900

Chlorinated Rubber Based

PRODUCT DESCRIPTION

A single component, high solids chlorinated rubber based antifouling designed for tropical waters.

DESIGN FEATURES

A conventional chlorinated rubber based anti-fouling suitable for use on a variety of hulls, e.g. steel, aluminium, wood etc.

Highly active biocides package that gives an expected anti-fouling protection of up to 18 months or more.

It is tin-free.

Smooth finishing that is easy to apply. Easy maintenance coating.

Excellent performance on vessels which have long lie-up periods.

Recognized by Llyod's Register of Shipping as a TBT-Free Anti-fouling Paint compliant with MO International Convention on the Control of Harmful Anti-fouling Systems on Ships.

PHYSICAL CHARACTERISTICS

Recommended Application Data Theoretical Coverage	Wet [μm]	Dry [μm]	m^2/l
		112	75
Volume solids	67 % (based on ASTM D2697)		
Dry Film Thickness Range	75 μm to 100 μm		
Flash Point	28 °C		
Finish	Low Sheen		
Colour Range	Red		
Standard Packing Size	20 litres		

APPLICATION METHOD

AIRLESS SPRAY	Tip Size : 0.53 – 0.66 mm (21 – 26 thou)
Recommended method of application	Pressure : 110 - 150 kg/cm ² (1600 – 2100 psi)
	CONVENTIONAL SPRAY
BRUSH OR ROLLER	Also recommended. However, additional coats may be required to achieve the recommended film thickness.

DRYING TIME

Substrate Temperature	Touch Dry	Hard Dry	Over-coating Interval	
			Minimum	Maximum
15 °C	4 hours	12 hours	12 hours	Indefinite
25 °C	2 hours	6 hours	6 hours	Indefinite
35 °C	1 hour	3 hours	4 hours	Indefinite

USEFUL INFORMATION

THINNER	: SOLVALUX 7-25 (Maximum 10% addition)
CLEANER	: SOLVALUX 7-25
STORAGE	: Store in a cool dry shaded area.



SURFACE PREPARATION

The service life span and the service performance of NAVILUX 4900 is directly related to the degree of surface preparation and the integrity of the existing paint system.

NEW VESSELS

- Navilux 4900 must be applied to suitably primed substrates e.g. with Epimastic 3000HS.
- The surface preparation of the substrate should be as per required for the primer, unless otherwise recommended by Berger Paints Representative.
- Ensure that the specified overcoating times in between coats have not been exceeded.
- Ensure that the surface to be over-coated is clean, dry, free from dust, grease and oil, or any other surface contaminants.

MAINTENANCE (Over existing chlorinated rubber anti-fouling)

- High pressure water jet or power / hand tool clean to remove all accumulated fouling and loose and flaking coatings.
- Allow to dry and ensure surface is thoroughly clean and existing paint system is tightly adherent before applying a tie-coat, e.g. Epimastic 3000HS.
- Then overcoat with 2 coats of Navilux 4900.

To avoid condensation of moisture onto substrate prior to coating application, relative humidity should not exceed 85% and substrate temperature should be more than 3°C above Dew Point.

SUITABLE PRIMERS	Epilux 610, Epimastic 3000HS, Epilux 66
SUITABLE INTERMEDIATES	Epilux 18HS, Luxavin 1480

NOTES

- The coating specifications given above are typical. For specific recommendations to suit individual applications, please refer to your Berger Paints representative.
- Do not use over existing anti-fouling without using a sealer coat.
- Ensure that the final dried film build is not less than 150 microns (2 coats) to achieve its designed life for protection against marine foulings.

SAFETY PRECAUTION

Avoid contact with eyes and skin. Wear suitable protective clothing such as overalls, goggles, dust mask and gloves. Use barrier cream.

Ensure that there is adequate ventilation in the area where the product is being applied. Do not breathe in vapour or spray mist.

This product is flammable. Keep away from sources of ignition. Do not smoke.

Take precautionary measures against static discharge.

In case of fire, blanket flames with foam, carbon dioxide or dry chemicals.

FIRST AID

Eyes : In the event of accidental splashes, flush eyes with warm water immediately and seek medical advice.

Skin : Wash skin thoroughly with soap and water or approved industrial cleaner. Do Not Use solvents or thinners.

Inhalation : Remove to fresh air, loosen collar and keep patient rested.

Ingestion : In case of accidental ingestion, DO NOT INDUCE VOMITING. Obtain immediate medical attention.

For further safety information, please refer to our **Material Safety Data Sheet (MSDS)**

DISCLAIMER

The information provided on this data sheet is not intended to be complete and is provided as general advice only. It is the responsibility of the user to ensure that the product is suitable for the purpose for which he wishes to use it. As we have no control over the treatment of the product, the standard of surface preparation of the substrate, or other factors affecting the use of this product, we are not responsible for its performance nor would we accept any liability whatsoever or howsoever arising from the use of this product unless specifically agreed to in writing by us. The information contained in this data sheet may be modified by us from time to time, and without notice, in the light of our experience and continuous product development.